

Title (en)

MULTI-CARRIER SIGNAL TRANSMITTER AND MULTI-CARRIER SIGNAL RECEIVER

Title (de)

SENDER UND EMPFÄNGER FÜR MEHRTRÄGERSIGNAL

Title (fr)

EMETTEUR DE SIGNAUX MULTIPORTEUSES ET RECEPTEUR DE SIGNAUX MULTIPORTEUSES

Publication

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Application

EP 00951938 A 20000810

Priority

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Abstract (en)

In transmitting first information necessary for gaining synchronism of transmission signal and second information which is the other information by determining a break of a single modulation unit with a simple structure and processing prior to Fourier transformation on the side receiving a signal transmitted as a multi-carrier signal, a transmission symbol stream is expanded on a frequency axis. With a predetermined frequency position (for example, 0 kHz) as reference, a transmission symbol stream symmetrical is generated on the frequency axis and then, the transmission symbol stream symmetrical on the frequency axis is Fourier-transformed and transmitted. <IMAGE>

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H04J 11/00

IPC 8 full level

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